

FIG. 6

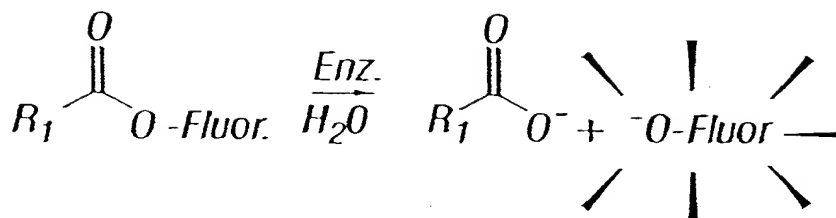


FIG. 7

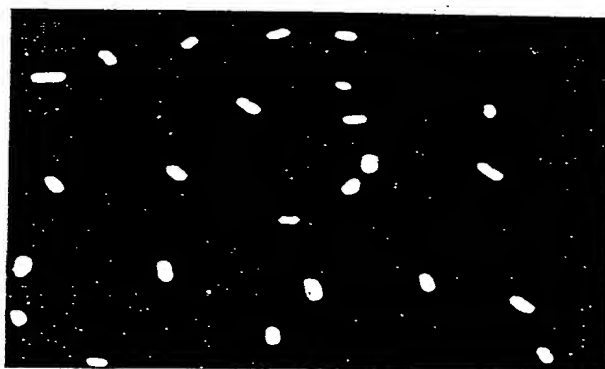
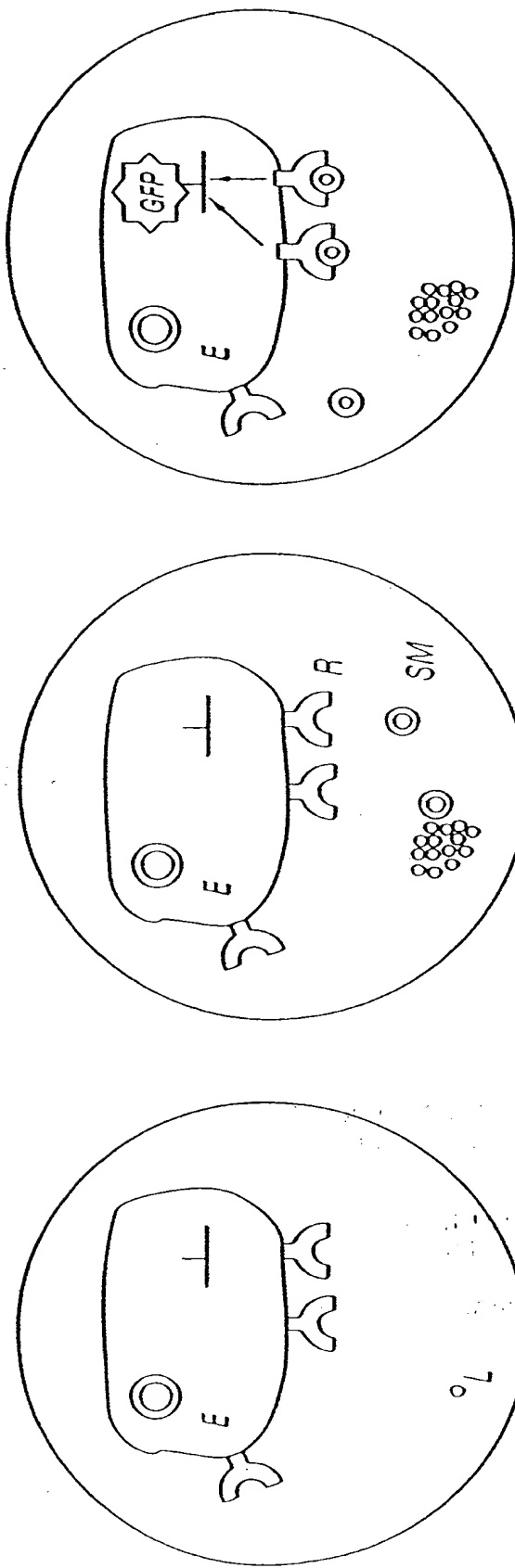


FIG. 8



Co-encapsulation

Library + Eukaryote

Growth and expression

of small molecule from library

Receptor binding of small

molecule & GFP reporting

E=Eukaryotic assay organism

L=Large insert library

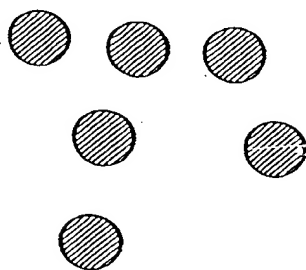
SM=Small molecule

GFP= Green fluorescent protein

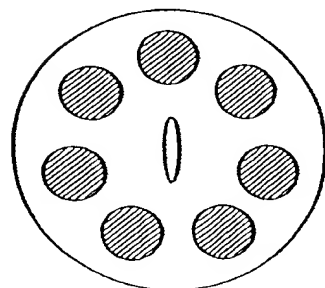
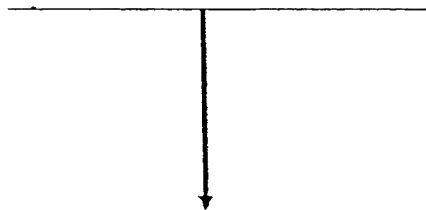
R=Eukaryotic receptor

FIG. 14

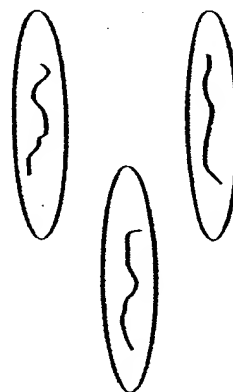
*Test organisms*



*encapsulate*

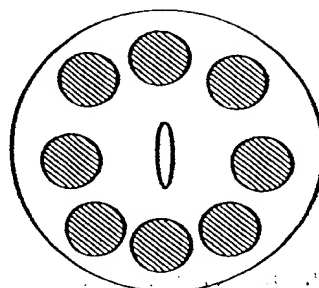
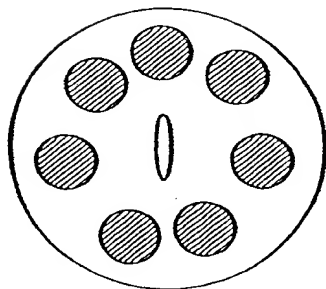


*Pathway clones*



*live/dead or other  
activity stain*

*sort*



*bioactive expression  
(e.g. live/dead, growth rate,  
metabolic stains etc.)*

**FIG. 15**